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Approved For Release 2004/06/14 : CIA-RDP80R01720R000400090059-1



CENTRAL INTELLIGENCE AGENCY

WASHINGTON, D.C. 20505

OFFICE OF THE DIRECTOR

2 October 1972

MEMORANDUM FOR: Dr. Henry A. Kissinger
Special Assistant to the President
for National Security Affairs

SUBJECT : Key Facilities in the Hanoi Area

1. In connection with General Haig's recent request, I asked our Imagery Analysis Service (IAS) -- on a very close hold basis -- to survey sixteen selected key installations in the Hanoi area with the object of determining what "major civilian facilities" (e.g., hospitals and schools) were located in immediate proximity (defined arbitrarily as 200 yards for installations in the heart of metropolitan Hanoi and 500 yards for installations located in outlying areas).

2. Attached hereto is a table/spread-sheet (Attachment 1) and a set of photographs (Attachment 2) which present the findings of this survey. In forwarding this material to me, my IAS colleagues made the following comments.

"The selected installations and major facilities within the specified distances were analyzed on recent aerial photography. The aerial photography was used to identify the general function of the installations and nearby civilian facilities and government offices. In some cases we could identify the specific function of an installation or facility solely from aerial photography, i.e., radio communications stations, waterworks and electric power plant. We used collateral material

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including maps, ground photography and information reports to indicate a more specific function of some of the other installations and nearby facilities. It should be emphasized that it is impossible to determine or confirm the specific function or use of many of the installations and facilities from aerial photography.

"The attached table contains the information derived from collateral material and our analysis of the selected installations and nearby major facilities which is annotated on the attached photo enlargements (Figures 1 through 16)."

3. We did not even request a survey on one potentially lucrative target -- the Hanoi Television Antenna and Probable Transmitter Site at WJ883250 on Pho Quan Su Street -- because it is directly across the street from the Ha Lo Prison, where the bulk of U.S. POWs are believed to be held. We also did not call for a survey on National Police Headquarters (WJ88912490) because it is known to be located in a very heavily built up area.

4. Because of the need to mask the real purpose of this exercise, we did not request surveys on facilities such as the following.

- (a) Ministry of Foreign Trade (WJ89692465)
- (b) Ministry of Foreign Affairs (WJ87402595)
- (c) Ministry of Communications and Transport
(WJ89692465)
- (d) Prime Minister's Residence (WJ87122652)
- (e) Residence Office of the President (WJ87122634)

The first three ((a) through (c)) are also in heavily built up areas. The last two (d) and (e) may merit some consideration. They obviously have symbolic value and, more to the point, both are sited in relative isolation in the middle of the botanical gardens.

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5. Our sixteen site survey is submitted for your information and consideration, not as a package of target recommendations. Some of the information in this study, in fact, would argue against picking some of the surveyed installations. Lao Dong Party Headquarters, (WJ88252460), for example, is not only in a built up area but is within 100 yards of a hospital. The Government Communications Office is surrounded by the staff living quarters and embassies of Poland, Hungary and Czechoslovakia, with the embassy compound of the USSR nearby.

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George A. Carver, Jr.
Special Assistant for Vietnamese Affairs

Attachments

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

IAS/RSD - 549/72
2 October 1972

MEMORANDUM FOR: Special Assistant for Vietnamese Affairs, DCI

ATTENTION : SAVA

THROUGH : Chief, Exploitation Branch, Reconnaissance Group, IRS

SUBJECT : Annotated Photo Enlargements of Selected Installations in
the Hanoi Area

REFERENCES : (a) Requirement No. C-DC2-87,522 (27 September 1972)
(b) CIA/IAS Project No. 052409

1. This memorandum is in response to your request that we provide annotated photo enlargements of 17 selected installations in the Hanoi area. We were also requested to identify and annotate on the prints all major civilian facilities within 200 yards of the selected installations located in the metropolitan Hanoi area. The study area was to be expanded out to 500 yards from the installations located in outlying areas of Hanoi.

2. The selected installations and major facilities within the specified distances were analyzed on recent aerial photography. The aerial photography was used to identify the general function of the installations and nearby civilian facilities and government offices. In some cases we could identify the specific function of an installation or facility solely from aerial photography, i.e. radio communications stations, waterworks and electric power plant. We used collateral material including maps, ground photography and information reports to indicate a more specific function of some of the other installations and nearby facilities. It should be emphasized that it is impossible to determine or confirm the specific function or use of many of the installations and facilities from aerial photography.

3. The attached table contains the information derived from collateral material and our analysis of the selected installations and nearby major facilities which is annotated on the attached photo enlargements (Figures 1 through 17).

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IAS/RSD - 549/72

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SUBJECT: Annotated Photo Enlargements of Selected Installations in the Hanoi Area

4. The following maps were used in this study:

Series, DIA TACCTA, Sheet, Hanoi Area (CONFIDENTIAL)
Series, AMS L909, Edition 3, Sheet, Hanoi (UNCLASSIFIED)
Series, AMS L903, Edition 2, Sheet, Hanoi (UNCLASSIFIED)
Series, CIA 58977 6-68, Sheet, Hanoi (UNCLASSIFIED)
Series, SIRA Map No. 537, June 1964, Sheet, Hanoi (SECRET)
Series, AMS L7014, Edition 2, Sheet 6150-1, Sheets 6151-1, 2, 3
(UNCLASSIFIED)

5. If you have any questions, please call [redacted] or
[redacted] This project is complete.

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Chief, Regional Studies Division
Imagery Analysis Service

Attachments:

- 1 Table
- 17 Annotated photo enlargements (3 copies of each)

Distribution:

- Orig - Addressee
- 1 - IRS/Recce/E
- 1 - DIR/IAS
- 1 - IAS/RSD

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Although potentially one of the most lucrative targets in Hanoi, the Hanoi Television Antenna and Probable Transmitter Site at WJ883250 on Pho Quan Su was rejected because it is across the street from the Ha Lo Prison, where the bulk of the American POW's are believed to be held.

The Lao Dong Communist Party Headquarters at WJ88252460 was also rejected due to being in a built-up area and within 100 yards of a hospital. The Government Communications Office is surrounded by the embassies and quarters of Poland, Hungary and Czechoslovakia, with the embassy compound of the U.S.S.R. nearby.

The following potential targets were rejected because their destruction would not cause confusion or affect the outcome of the war:

- (a) Ministry of Foreign Trade (WJ89692465)
- (b) Ministry of Foreign Affairs (WJ87402595)
- (c) Ministry of Communications and Transport
(WJ89692465)
- (d) Prime Minister's Residence (WJ87122652)
- (e) Residence Office of the President (WJ87122634)

The National Police Headquarters at WJ88912490 was rejected due to its being in a built-up area, while the location of the Secret Police Headquarters for Hanoi according to one report is located at WJ88352445, but the area has previously been identified as the Ministry of Water Conservation.